

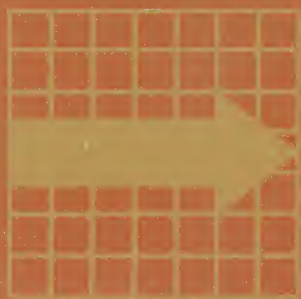
AVAILABLE

a backlog of experience at

LTV MILITARY ELECTRONICS

A DIVISION OF LING-TEMCO-VOUGHT INC





guidance



automatic controls



data display system



communications and
instrumentation



automatic test
equipment



testing laboratories

guidance and controls



TERCOM GUIDANCE (Terrain Contour Matching) utilizes natural contours of the earth for extremely accurate fix-taking guidance for missiles, aircraft, ships and re-entry vehicles. The system is presently in funded development by various agencies involving a wide range of applications.

AEROSPACE VEHICLE CONTROLS LTV is a major subsystems and equipment supplier in the field of electronic, fluid and mechanical controls for missiles, aircraft and spacecraft.

ELECTROHYDRAULIC ACTUATORS

- * MINUTEMAN
- * 156 IN. ENGINE
- * MBRV
- * F-111



LTV has delivered over 17,000 Actuators!

FLUID INJECTION VALVES

- * TITAN III-C
- * LANCE (DEVELOPMENT)
- * CLASSIFIED PROGRAMS



AUTOMATIC FLIGHT CONTROLS

- * XC-142A V/STOL
- * F-8. CRUSADER
- * A-7A CORSAIR II
- * BOEING 727 (Feel System)
- * TITAN III-C



SPACE MANEUVERING CONTROLS

- * MODULAR MANEUVERING UNIT (MMU)
- * MBRV



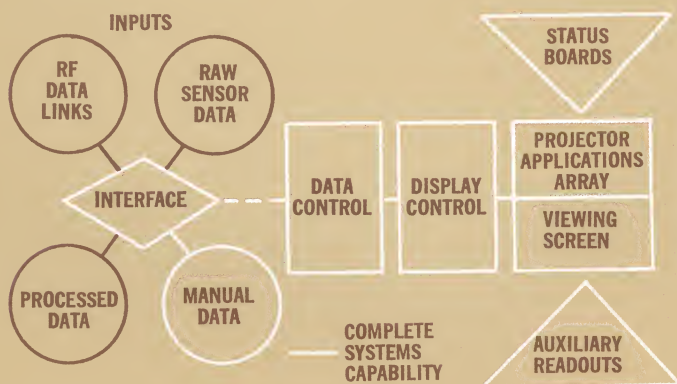
MMU — A SPACE PACK TO BE USED BY AN ASTRONAUT IN OPERATIONS INDEPENDENT OF HIS SPACECRAFT.

data display systems

THE NEW LTV 7000 HIGH SPEED DISPLAY SYSTEM . . .

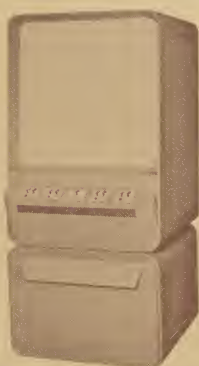
has a proud heritage dating back to 1955 when the scribing technique for data display projection was pioneered. Since then over 80 data display systems have been designed and delivered to customers in all branches of the military, NASA and industry.

WRITE for your copy of a colorful 30-page brochure, "LTV Data Display Systems."



ANNOUNCING THE NEW LTV 7000 HIGH SPEED PLOTTING PROJECTOR

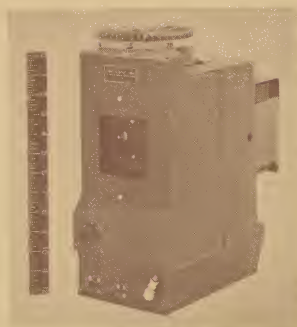
One projector plots at the rate of 20 characters per second!



LTV OFFERS VERSATILITY

Small to large screen displays for fixed site, mobile, shipboard and airborne environments.

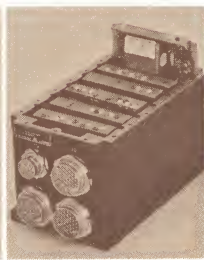
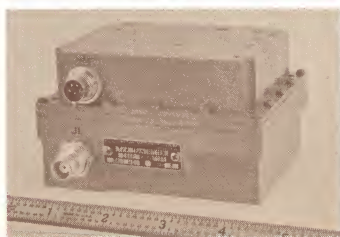
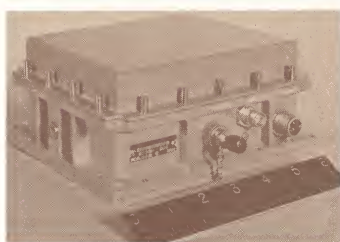
SMALL SCREEN DISPLAY



LARGE SCREEN COC DISPLAY AT NORAD, COLORADO SPRINGS

communications & instrumentation

* **TRANSPONDERS** includes the HRT-4, presently standard flight instrumentation at PMR, Pt. Mugu. This all-purpose beacon, rated at 4000 hours MTBF, features simple modification and readily accessible test points and adjustments. * **TELEMETRY TRANSMITTERS** designed for operation under extremely severe vibration, shock and acceleration environments are a "house specialty" at LTV. Pictured is the unique 5 Watt PTF-4. * **REFLECTORS** for precision tracking are operational at FPQ-6, Military Comsat and AF Cambridge Research Lab sites. LTV Cassegrain Reflectors (29 feet, 40 feet, and larger) employ unusual design to attain maximum rigidity and weight reduction. * **10KW UHF LINEAR AMPLIFIERS** are under development for general Air Force use in the 225/400 mcps range. These air cooled amplifiers are applicable to extended range and tropospheric scatter communications from ground stations, shipboard or air transportable installations. * **SIGNAL CONDITIONERS** are custom designed, manufactured and tested to meet peculiar telemetry requirements — a highly specialized, completely in-house capability at LTV.

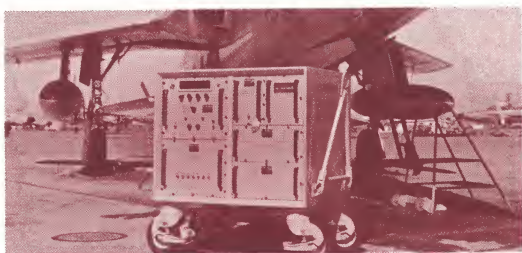


automatic test equipment

FOR LTV CUSTOMERS: An understanding of the Electronic GSE world — tight schedules, quick change flexibility and low cost.

FACTORY TEST EQUIPMENT: Seven years' experience in delivering on schedule. Current: a complete factory test set for the Astronaut's Modular Maneuvering Unit.

FLIGHT LINE: Consider LTV's AN/AWM-13, a completely automatic, universal, electrical systems test set. Available, operational and readily adaptable to a wide variety of weapon systems and subsystems **Without Modification.**



AN/AWM-13
AND F-105

GO-NO-GO TESTING OF ELECTRICAL, ARMAMENT AND NUCLEAR SYSTEMS REDUCED FROM 3 DAYS TO 3 HRS!

test laboratories

COMPLETE CUSTOM TESTING SERVICE IN ENVIRONMENTAL, MATERIALS & CALIBRATION ...

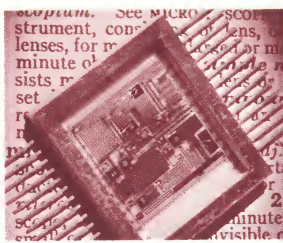
is available to government and industry. The LTV Military Electronic's facility is one of the most complete testing laboratories in the world. Approved by NASA and all Military Branches.



LING
L-200
SHAKER

advanced packaging

Complete in-house facilities for PC Board, Cordwood Welded Module and Microcircuitry packaging are in operation at LTV. Shown is an operational amplifier fabricated by thin film hybrid techniques.



THIN FILM WAFER

CALL US NOW!



Your LTV Marketing Representative will be on his way — Short notice will do — to discuss your needs. He knows his company — his product — and most importantly he has a sincere desire to do business with You.

LTV MILITARY ELECTRONICS

A DIVISION OF LING-TEMCO-VOUGHT INC

— a versatile organization engaged in the design and production of systems and subsystems.



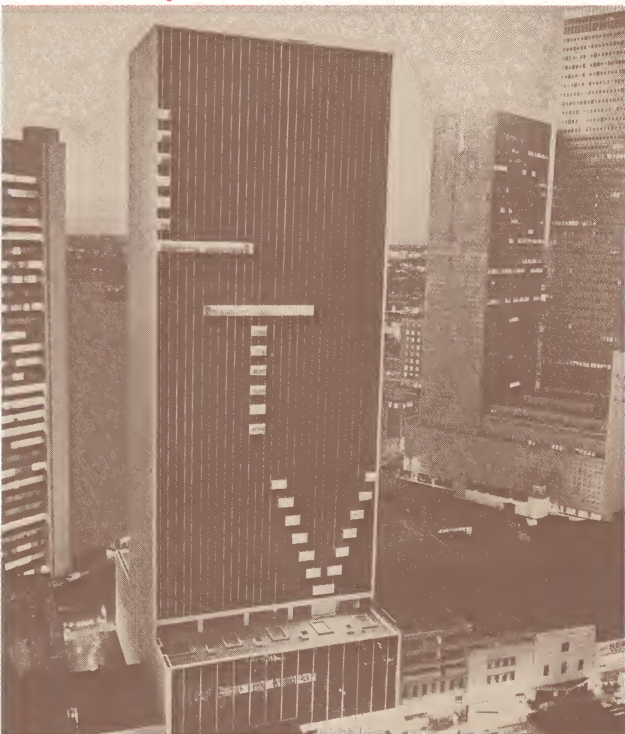
MAIN PLANT — GARLAND



ARLINGTON PLANT



CORPORATE HEADQUARTERS



LTV SALES OFFICES

LTV MILITARY ELECTRONICS DIVISION
MARKETING DEPARTMENT

P. O. BOX 6118 DALLAS, TEXAS
TELEPHONE: 214 BROADWAY 6-7111

or any of these LTV sales offices:

Boston, Massachusetts	155 Bedford Street Burlington, Mass. 01803 Telephone: 617-272-1050
Dayton, Ohio	333 West First Street Suite 532 Dayton, Ohio 45402 Telephone: 513-228-9165
Ft. Monmouth, New Jersey	Holiday Inn West Long Branch, N.J. Telephone 201-222-0565
Huntsville, Alabama	Holiday Office Center, Suite 30 South Memorial Parkway Huntsville, Alabama 35801 Telephone: 205-881-4560
Los Angeles, California	650 North Sepulveda Boulevard El Segundo, California 90245 Telephone: 213-678-5785
Orlando, Florida	1011 East Colonial Drive P. O. Box 6112B Orlando, Florida 32803 Telephone: 305-425-2603
Palo Alto, California	701 Welch Road, Suite 3320 Palo Alto, California 94304 Telephone: 415-322-4631
San Bernardino, California	808 East Mill Street San Bernardino, California Telephone: 714-TU 9-9968
Washington, D. C.	1725 Eye Street, N. W. Washington, D. C. 20006 Telephone: 202-333-8866
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